

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for synthesizing cDNA possessing a ~~eonsecutive sequence starting with a nucleotide adjacent to a cap structure of mRNA~~ 5'-end nucleotide of (dT) n dG, wherein $n=0-5$, which method comprises the steps of:

- (i) annealing a double-stranded DNA primer and an ~~RNA~~mRNA mixture containing mRNA possessing a cap structure,
- (ii) preparing a conjugate of an mRNA/cDNA heteroduplex and a double-stranded DNA primer by synthesizing the first-strand cDNA primed with the double-stranded DNA primer using reverse transcriptase, wherein the 3'-end nucleotide of the first-strand cDNA is dC(dA) n , wherein $n=0-5$,
- (iii) circularizing the conjugate of the mRNA/cDNA heteroduplex and the double-stranded DNA primer by joining the 3' and 5' ends of the DNA strand containing the first strand cDNA using ligase, and
- (iv) replacing the RNA in the mRNA/cDNA heteroduplex with the second-strand cDNA thereby synthesizing the cDNA possessing the 5'-end nucleotide of (dT) n dG, wherein $n=0-5$.

2. (Currently amended) The method of claim 1, wherein ~~the mRNA possessing a cap structure~~ is contained in a cell extract.

3. (Currently amended) The method of claim 1, wherein ~~the mRNA possessing a cap structure~~ is synthesized by in vitro transcription.

4. (Currently amended) The method of claim 1, wherein the primer sequence of the double-stranded DNA primer contains a sequence complementary to a partial sequence of ~~the mRNA possessing a cap structure~~.

5. (Currently amended) The method of claim 1, wherein the primer sequence of the double-stranded DNA primer contains an oligo dT complementary to a poly(A) sequence of ~~the mRNA~~

~~possessing a cap structure.~~

6. **(Original)** The method of claim 1, wherein the ligase is T4 RNA ligase.
7. **(Currently amended)** The method of claim 1, which comprises the following step between the step (ii) and the step (iii):
(ii') generating a 5'-protruding end or a blunt end at the terminal of the double-stranded DNA primer by cutting ~~the conjugate of~~ the mRNA/cDNA heteroduplex and ~~the double-stranded DNA primer~~ using a restriction enzyme.
8. **(Canceled)**
9. **(Currently amended)** The method of claim 81, wherein the double-stranded DNA primer contains a replication origin or both a replication origin and a promoter for cDNA expression.
10. **(Currently amended)** The method of claim 81, which further comprises the following step:
(v) incorporating the double-stranded cDNA composed of the first-strand cDNA and the second-strand cDNA into a vector DNA.
11. **(Withdrawn-currently amended)** A cDNA library that is a population of clones containing double-stranded cDNA synthesized by the method of claim 81, of which more than 60% of the cDNA clones possesses a 5'-end nucleotide of (dT)_ndG (n=0-5) followed by a consecutive sequence starting with a nucleotide adjacent to a cap structure of mRNA.
12. **(Canceled)**
13. **(Withdrawn)** A double-stranded DNA primer possessing an oligo (dT)_n (n=15-100) as a primer part, in which one terminal part of a primer side has an 8-base recognition restriction

enzyme site RE1, and another terminal part has an 8-base recognition restriction enzyme site RE2 and a restriction enzyme site RE3 generating a 5'- protruding end or a blunt end.

14. (Withdrawn) The double-stranded DNA primer of claim 13, which contains a replication origin or both a replication origin and a promoter for cDNA expression.

15. (Withdrawn) The double-stranded DNA primer of claim 14, which is a vector primer derived from pGCAP10 comprising the nucleotide sequence of SEQ ID NO: 2.

16. (Withdrawn) A reagent kit for cDNA synthesis, which comprises the double-stranded DNA primer of claim 14, reverse transcriptase and its reaction buffer solution, T4 RNA ligase and its reaction buffer solution, and model mRNA possessing a cap structure.

17. (Withdrawn) A cDNA library that is a population of clones containing double-stranded cDNA synthesized by the method of claim 10, of which more than 60% of the cDNA clones possesses a 5'-end nucleotide of (dT)_ndG (n=0-5) followed by a consecutive sequence starting with a nucleotide adjacent to a cap structure of mRNA.

18. (Canceled)

19. (Withdrawn) A reagent kit for cDNA synthesis, which comprises the double-stranded DNA primer of claim 15, reverse transcriptase and its reaction buffer solution, T4 RNA ligase and its reaction buffer solution, and model mRNA possessing a cap structure.